

ABSTRACT OF THE DISCLOSURE

The present invention relates to the use of a gene transfer product to reduce hyperplastic connective tissue growth after tissue trauma or implantation of a medical device. The present invention also relates to a medical device with improved biological properties for an at least partial contact with blood, bodily fluids and/or tissues when introduced in a mammalian body[[],]. The ~~which~~ device comprises a core and a nucleic acid, encoding a product capable of leading to production of extracellular superoxide dismutase present in a biologically compatible medium. Said The nucleic acid encodes a translation or transcription product, which is capable of inhibiting hyperplastic connective tissue growth and promoting endothelialisation ~~in~~ *in vivo* at least partially on a synthetic surface of ~~said~~ the core. The present invention also relates to a method of producing a medical device ~~according to the invention.~~